

MIGDAJSKA, Zofia; SIGINSKI, Alfred; KLEMCZYNSKA, Irena.

No translation. Polskie arch. med. wewn.. 27 no.5:665-672 1957.

1. Z I Kliniki Chorob Wewnętrznych A. M. w Warszawie Kierownik:  
prof. dr. nauk med. A. Biernacki i z Kliniki Stomatologicznej A. M.  
w Warszawie Kierownik: prof. dr. med. F. Bodanowicz. Adres  
autora: Warszawa, ul. Nowogrodzka 59, I Klin. Chor Wewn.  
(POLYCYTHEMIA VERA, case reports,  
erythremic myelosis (Pol))

KROTKIEWSKI, Andrzej; SICINSKI, Alfred

Transients bundle branch block. Polski tygod. lek. 13 no.45:1779-1781  
10 Nov 58.

1. Z I Kliniki Chorob Wewnętrznych A. M. w Warszawie; kierownik: prof.  
dr nauk med. A. Bieracki. Adres: Warszawa, ul. Nowogrodzka 59. I Klinika  
Chorob Wewn.

(HEART BLOCK

transient bundle branch block (Pol))

KOWALSKA, Maria; SIGINSKI, Alfred

Results of therapy of peripheral vascular diseases with intra-arterial drip of histamine solution. Polski tygod. lek. 13 no.31:1196-1199 4 Aug 58.

1. Z I Kliniki Chorob Wewnetrznych A. M. w Warszawie; kierownik: prof. dr nauk med. A. Biernacki. Adres: I Klinika Chorob Wewnetrznych A. M. w Warszawie, ul. Nowogrodzka 59.

(THROMBOANGIITIS OBLITERANS, ther.

histamine, intra-arterial drip (Pol))

(ARTERIOSCLEROSIS, OBLITERANS, ther.

same)

(HISTAMINE, ther. use

arteriosclerosis & thromboangiitis obliterans, intra-arterial drip (Pol))

SICINSKI, Alfred

Partial right bundle branch block in athletes. Polskie arch.med.wewn.  
28 no.2:201-208 1958

1. Z Kliniki Zdrowego Czlowieka. Kierownik: doc.dr.med. S.Bober.  
Instytutu Naukowego Kultury Fizycznej Dyrektor: prof. dr.med. W. Missiuro  
i z I Kliniki Chorob Wewnętrznych A.M. w Warszawie Kierownik: prof. dr  
nauk med. A.Biernacki. Adres autora:Warszawa, ul. Glogera 4/37.

(HEART BLOCK,

partial right bundle branch block in athletes (Pol))

(ATHLETICS,

partial right bundle branch block in athletes (Pol))

BIERNACKI, Andrzej; CZARNIECKI, Wincenty; DORYWALSKI, Tadeusz, GLINSKA,  
Danuta; KOWALSKA, Maria; KROTKIEWSKI, Andrzej; SICINSKI, Alfred  
STASIAKOWA, Lucja, SZAJEWSKI, Janusz; WALASZEWSKA, Barbara

Remote results of conservative therapy of peripheral vascular diseases.  
Polskie arch.med. wewn. 28 no.5:771-778 1958.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Warszawie. Kierownik:  
prof. dr nauk med. A. Biernacki.  
(VASCULAR DISEASES, PERIPHERAL, ther.  
drug. ther., follow-up (Pol))

BOBER, Stanislaw; KROTKIEWSKI, Andrzej; SICINSKI, Alfred

Behavior of P wave in precordial leads in cases of electrocardiographi-  
cally proved cases of atrial strain. Polskie arch. med. wewn. 29  
no.9:1185-1192 1959.

Prof. dr hab. med. Stanislaw Bober, Katedra Medycyny Wewnętrznej A. M. w Warszawie Kierownik: prof.

RYMKIEWICZ, Halina; SIGINSKI, Alfred; SLIWOWSKI, Andrzej

A case of variable electrocardiographic picture. Polskie arch.  
med.wewnetrz. 29 no.10:1417-1422 '59.

1. Z I Kliniki Chorob Wewnetrznych A. M. w Warszawie Kierownik:  
prof. dr med. A Biernacki.  
(MYOCARDIAL INFARCT diag)  
(ELECTROCARDIOGRAPHY)

KROTKIEWSKI, Andrzej; RUZYLLLO, Edward; SICINSKI, Alfred

Atherosclerosis and hyperthyroidism. Polskie arch.med.wewn. 30  
no.7:955-958 '60.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Warszawie Kierownik:  
prof. dr med. A.Biernacki i z Poradni Chorob Tarczycy Kierownik:  
doc. dr med. E.Ruzyłło  
(ARTERIOSCLEROSIS compl)  
(HYPERTHYROIDISM compl)



KROTKIEWSKI, Andrzej; SICINSKI, Alfred

Effect of electrolyte disorders on the ECG curve and so-called PAP  
(positige after-potential) in renal insufficiency. Polskie arch. med.  
wewn. 31 no.6:829-836 '61.

1. Z I Kliniki Chorob Wewnętrznych AM w Warszawie Kierownik: prof.  
dr nauk med. Andrzej Biernacki.

(ACUTE RENAL FAILURE physiol) (ELECTROCARDIOGRAPHY)

ORLOWSKI, Tadeusz; AJEWSKI, Zygmunt; RYMKIEWICZ, Halina; SICINSKI, Alfred

Attempted therapy of chronic renal insufficiency by washing isolated intestinal loops. Polskie arch. med. wewn. 31 no.6:857-864 '61.

1. Z I Kliniki Chorob Wewnętrznych AM w Warszawie Kierownik: prof. dr nauk med. A. Biernacki.

(GLOMERULONEPHRITIS ther) (JEJUNUM)

SICINSKI, Alfred.

Renal artery occlusion. Pol. arch. med. wewn. 33 no.2:177-186 '63.

1. Z I Kliniki Chorob Wewnetrznych AM w Warszawie Kierownik: prof. dr  
nauk med. A. Biernacki.

(RENAL ARTERY OBSTRUCTION)

BIERNACKI, Andrzej; AJEWSKI, Zygmunt; FALDA, Zbigniew; KROTKIEWSKI,  
Andrzej; LAO, Mieczysław; RYMKIEWICZ, Halina; ~~STEINSKI, Alfred~~ .

Acute mercury poisoning treated by extrasystemic dialysis.  
Pol. arch. med. wewn. 33 no.3:237-241 '63.

1. Z I Kliniki Chorob Wewnętrznych AM w Warszawie Kierownik:  
prof. dr med. A. Biernacki.  
(MERCURY POISONING) (KIDNEY, ARTIFICIAL)

SICINSKI, Alfred

Aldosterone and hypertension. Pol. arch. med. wewn. 33  
no.4:447-452 '63.

1. Z I Kliniki Chorob Wewnętrznych AM w Warszawie. Kierownik:  
prof. dr nauk med. A. Biernacki.  
(ALDOSTERONE) (HYPERTENSION)

SICINSKI, Alfred

Aldosterone and its role in the organism. Pol. arch.med. wewnet.  
34 no.1:69-74 '64.

1. Z I Kliniki Chorob Wewnetrznych AM w Warszawie; p.o.kierow-  
nika kliniki: prof.dr.med. T.Orlowski.

\*

SUTINSKI, Alfred

Behavior of body water in acute and chronic kidney diseases. 1.  
Data on body water and methods for its determination. Pol. arch.  
med. wewn. 61 no.6:747-756 1962

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Warszawie (p. 1. Kierownik kliniki prof. dr. med. F. Szwed).

SIMONSKI, Alfred

Behavior of body water in acute and chronic kidney diseases.

II. Behavior of body water in normal subjects. Pol. arch.

med. wewnet. 34 no.7:895-908 '64.

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Warszawie  
(p.o. Kierownika Kliniki: prof. dr. med. T. Orłowski).





SICINSKI, Alfred

Behavior of systemic water in acute and chronic kidney diseases.  
IV. Behavior of systemic water in chronic kidney diseases. Pol.  
arch. med. wewnet. 35 no.3:361-375 '65.

1. Z I Kliniki Chorob Wewnetrznych Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. T. Orlowski).

*Sicinski, R.*

*mat*

621.385.5 : 68.022 : 621.979 : 679.582

✓4487

Sicinski R. Application of the Induction Method in Heating Moulds  
Used in the Production of Bakelite Articles.

„Określenie możliwości zastosowania metody indukcyjnej do na-  
grzewania form stosowanych przy prasowaniu wyrobów bakelitowych”.  
(Prace Inst. Elektr. No. 17), Warszawa, 1956, PWT, 9 pp., 13 figs., 1 tab.

A theoretical analysis of the temperature distribution within a mould  
heated by 50 cycles induction method; description and results of con-  
trol measurements. Conclusions.

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2 May 1

*Elen*

SIGINSKI, R., mgr.,inz.

Soft soldering of manometer elements. Przegl ~~o~~lektrotechn  
37 no.11:479-480 '61.

Sielinski Z. Chlorinated Naphthalene as a Capacitor Impregnant.

"Chlorowany naftalen jako syciwo kondensatorowe przy prądzie stałym". (Prace Inst. Elektrot. No. 4(7)), Warszawa, 1953, PWT, 13.5 pp., 20 figs., 7 tabs.

"Woskol" — Polish-made chlorinated naphthalene. Quality examination of production. Artificial ageing, on direct current, of "Woskol"-impregnated paper capacitors. Determination of the influence on the quality of capacitors of impurities contained in "Woskol". Experiments aimed at improving "Woskol" by purification. Outlines for "Woskol" production and exploitation in capacitor manufacture. "Woskol" should comply with the following provisions: acid number  $\leq 0.02$ ; a.s.  $\leq 1.50$ ; m. p.  $88 \pm 5$ ; difference between melting point and creep  $0.5 \dots 1.0$ ; ash content  $\leq 0.01$ ; loss by evaporation  $\leq 0.05$ ; shrinkage  $< 12$ ; viscosity  $\leq 1$ ; imperviousness to water; dielectric constant  $3.0 \dots 4.1$ ; volume resistivity 5000. The optimum value of the dielectric loss factor within a temperature range of from  $45^\circ$  to  $80^\circ\text{C}$  should not exceed  $20 \dots 120 \cdot 10^{-4}$ . Inadequate purification of "Woskol" causes an increase in and variability of the dielectric constant  $\epsilon$ . It is, moreover, responsible for increasing the dielectric loss factor  $\lg \delta$  to even as much as  $\lg \delta = \text{approx. } 0.6$ , thus preventing this impregnant from being used in capacitors intended to operate on alternating current. The high acid number of "Woskol" also causes a reduction in the volume resistivity  $\rho$ ; such curtailment is particularly dangerous in the case of prolonged working of the capacitor on direct current.

SICINSKI, Z.

Distr: 4E3d

21  
Determination of the dielectric-loss factor as applied to transformer oil manufacture and use. Z. Sicinski and R. Bill. *Przegląd Elektrotech.* 1954, No. 5, 195-6; Polish Tech. Abstr. No. 2, Abstr. No. 3447(1955).—The correlations were studied between the dielec.-loss factor and the structure, condition, and chem. properties of transformer oils at the time of supply and after artificial aging. The degree of refining by  $H_2SO_4$  has a vital influence on the dielec. properties, lower values of the dielec.-loss factor  $\tan \delta$  being obtained in more highly refined products. The optimum is about 11%  $H_2SO_4$ , and it is doubtful whether anything is gained by more thorough treatment, since the improvement in the quality of the oil is negligible. Drying the oil causes a decrease in the  $\tan \delta$  value for fresh oils; however since this advantage disappears almost entirely in aged oils it has no value in actual practice. The  $\tan \delta$  factor can be substituted for chem. detns. as criterion for the quality of fresh and aged oils as the detn. is easier, and is less dependent on the skill of the testers. The measurement should be made at a frequency of 400 cycles/sec. at 45-70°.  
K. L. G.

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JR

SICINSKI, Z.

621.315.615.2.001.4  
✓ 4120. The management [use and testing] of trans-  
former oils. B. DRYŚ AND Z. SICINSKI. Przegląd  
Elektrotech., 31, No. 2-3, 233-40 (1985) In Polish.  
Mineral and synthetic oils are compared. The  
methods of assessing quality of transformer oils in  
use and in production are analysed and their defects  
are presented. The use of moisture absorbers,  
inhibitors and other methods giving longer life span  
of transformers are suggested. The problems for  
future work are enumerated. M. W. MAKOWSKI

①  
PK  
SK

SICINSKI, Z.

POLAND

"Inquiries on New Methods of the Qualitative Valuation of Insulating Oils," by B. DRYŚ  
and Z. SICINSKI: Prace Instytutu Elektrotechniki, Vol. V, No. 16, 1956.


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SICINSKI, Z.

POLAND

"Stabilization of the Chlorinated Naphtalin "Moskol" with the Antrachinon," by  
J. BUCK and Z. SICINSKI: Prace Instytutu Elektrotechniki, Vol. V, No. 16, 1956.



SICINSKI, Z.

Aging of mineral insulating oils in production and use. Pt.2. p.253.  
(ENERGETYKA. Vol. 10, no. 5, Sept./Oct. 1956. Stalinograd)

SC: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

Distr: 4E3d

Aging of insulating oils during manufacture and in use.  
 L. Z. Siciński. *Energetyka* (Poland) 10, No. 4, 205-8  
 (1966).—Four types are examd.: transformer, cable, capac-  
 itor, and circuit breaker oil. The conditions of testing are  
 examd. and compared with those in use in Poland, U.S.S.R.,  
 Britain, Czechoslovakia, France, Germany, and Switzer-  
 land. All 25 possible tests are divided into 3 groups: 11  
 tests on new oil giving the initial physicochem. characteris-  
 tics; 9 tests which are not essential, but which give further  
 information; and 5 tests after oxidn., which decide the  
 value of the oil in service. Part I contains an evaluation of  
 some tests from the 1st group, namely viscosity, flash point,  
 and dielec. strength. All tests in the 2nd group are evalu-  
 ated: sapon. no., I no., amt. of corrosive S, resistivity, trans-  
 parency, evapn. losses, dielec. const., and loss angle, the  
 last being discussed in detail. From *Fed Abstr.* 22,  
 Abstr. No. 2048(1967). E. L. C.

SICINSKI, Z.

SICINSKI, Z. Fibrous materials. p. 348

Vol. 32, no. 5, May 1956  
PRZEGLAD ELEKTROTECHNICZNY  
TECHNOLOGY  
Warszawa , Poland

So: East European Accession, Vol. 6, no. 2, 1957

SICINSKI, Z., doc

The possibility and purposiveness of applying on a wide scale dielectric criteria for the quality determination of insulating oils. Przegl elektrotechn 37 no.10:410-417 '61.

(Dielectrics) (Insulating oils)

SICINSKI, Zbigniew, doc.

Insulating oils and materials (International Conference of Large Electric Systems, 1962). Przegl elektrotechn 39 no.3:129-135 Mr '63.

1. Instytut Elektrotechniki, Warszawa.

CICLOVIA, Santa Fe, ID: 11000001, China, ID.

Health Precinct in Banloc (Circumscription, Santa Fe, ID)  
- (For all)

Journalist, Vista Medica, No 1, 1 Feb 64, pp 201-202

"Observations Concerning Certain Pathological Phenomena  
in Children."

SICLOVAN, Gh.

Correlation between the balance of population's income and expenditure,  
and the centralized financial plan of national economy. Probleme econ  
14 no.8:31-52 Ag '61.

(Income)



SANDULESCU, Maria, prof. (Bucuresti); CORNEA, Justin, prof.; SICLOVAN, I.,  
prof.; MANTA, I.; DRAGANESCU, Elena, prof. (Bucuresti);  
PIRCALABESCU, G. (Bucuresti); VLADESCU, I., (Bucuresti); PORU, I.,  
prof.; DOBRESCU, Clara, prof.; MATEI, Nicolae; SAINER, Jeni;  
TINICA, Irina

Observations on the geometry manual for grade 6. Gaz mat fiz 15  
no.7:372-383 JI '63.

1. Societatea de Stiinte Matematice si Fizice, Subfiliala Arad  
(for Cornea, responsabilul colectivului). 2. Societatea de  
Stiinte Matematice si Fizice, Filiala Petroseni (for Siclovan,  
Manta). 3. Societatea de Stiinte Matematice si Fizice, Subfiliala  
Caransebes (for Poru, responsabil). 4. Societatea de Stiinte  
Matematice si Fizice, Filiala Constanta (for Dobrescu, Matei,  
Sainer, Tinica).

RUMANIA

SICLOVAN, Cantemir, MD; SICLOVAN, Simina, MD.

Health Precinct in Banloc (Circumscripția sanitara, Banloc) - (for all)

Bucharest, Viata Medicala, No 3, 1 Feb 63, pp 201-203

"Observations Concerning Certain Pathological Phenomena in Milkers."

SICLOVAN, V.

New contributions to the application of the distant  
hybridization method for plants, p. 1095.  
Academia Republicii Populare Romine. COMUNICATIE.  
Bucuresti.  
Vol. 5, no. 7, July 1955.

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 5, No. 12, December 1956

Country : RUMANIA  
 Category : Cultivated Plants. Cereals. Leguminous Plants. Tropical Cereals. M

Abs Jour : RZhBiol., No 6, 1959, No 24808

Author : Potlog, A. S.; Siclovan, V.; Badea, S.

Inst : Academy of Sciences RPR.

Title : Growing of Wheat Grades in a Mixture. Experimental Results on Growing the Winter Wheat Varieties "Cenad 117" and "Odvos 241" in a Mixture.

Orig Pub : Studii si cercetari atint. Academ. RPR. Baza Timizoara. Ser. stiinte agric., 1957, 4, No. 3-4, 83-91

Abstract : Data on the study of the behavior of grades growing in a mixture. No increase in the harvest in comparison with pure cultivation of these grades under experimental conditions (western part of Rumania) was noticed. Exi-

Card : 1/2

Country : RUMANIA.

Category : Cultivated Plants. Cereals. Leguminous Plants. Tropical Cereals. M

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001550420011-2

Abs Jour : RZhBiol., No 6, 1959, No 24808

Author :

Inst :

Title :

Orig Pub :

Abstract : stence of intra-grade competition was revealed - the variety Odvos 241 is better adjusted to given conditions and displaced the less adjustable Cenad 117.

Card : 2/2

SIGZ K, P.

Electroerosive drilling of small holes. P. 53 MECHANIK  
Warszawa (Stowarzyszenie Inzierow i technikow Polskich)  
Vol. 28, no. 2, February 1955

SOURCE: REAL LC Vol. 5, no. 7, July 1956

SICZKOWNA, J.

Vitamin C content of some Polish berries. Maria Szczygłowa and Jadwiga Szczygłowa (P.Z.H., Warsaw, Poland). *Rozniki Państwowego Zakładu Hig.* 1, 147-52 (1950).—The vitamin C was detd. by Tillman's method and a higher content was found in not quite ripe fruit. White currants contained 35-63.3 mg. %, red currants 26-56 mg. %, black currants 140-258 mg. %, gooseberries 28-44 mg. %. Heating of the whole fruit at 100° for 30 min. destroyed 23-100% of vitamin C, heating of berry pulp under same conditions gave losses of 15-100%, grinding of raw fruit with sugar to jelly consistency reduced the vitamin content by 13-62%. The smallest losses were found with black currants.

I. Z. R.

SICZKOWNA, J.

Culinary availability of sauerkraut in relation to its general and volatile acidity, p. 348. (ROCZNIKI, Warsaw, Vol. 5, no. 4, 1954.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4, Jan. 1955, Uncl.

SIDACHENKO, A.D., kand.istorich.nauk

Communist Youth League of the Ukraine in the struggle to consolidate the Soviet regime in the village (1921-1925). Trudy Khar'. inzh.-ekon. inst. 8:111-135 '57. (MIRA 12:6)  
(Ukraine--Communist Youth League)  
(Ukraine--Politics and government)



SIDAK, D.

By the efforts of the active trade-union workers. Sov. profsoiuzy  
7 no.12:30-31 Je '59. (MIRA 12:9)

1. Predsedatel' profsoyuza vagonosbornochnogo tsekha vagonostroitel'nogo  
zavoda imeni gazety "Pravda."  
(Railroads--Cars--Construction)  
(Employees' representation in management)

COUNTRY : USSR  
 SUBJECT : Cultivated Plants. Industrial. Oleiferous. M  
 SUGAR.  
 ABST. JOUR. : Zhurnal., No. 3, 1959, No. 11059  
 AUTHOR : Sidak, R. M.  
 INST. : L'gov Experimental and Plant Breeding Station.  
 TITLE : The Square-hill Method of Sugar Beet Cultivation in  
 Kursk Oblast'.  
 ORIG. REP. : Byul. nauchno-tekhn. inform. L'govsk. opytno-selekts.  
 st., 1959, vyp. 1, 15-21  
 ABSTRACT : The square-hill method of sugar beet cultivation permits  
 the obtaining under the conditions of Kursk Oblast', 350-  
 400 centners/ha of roots and raises by 40/45 the labor  
 efficiency in the digging and separation of the bunches.  
 — G. Yu. Dinesman

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SIDAK, Rostislav Nikitovich; VASIL'YEV, Ivan Vasil'yevich; PROZOROV,  
S.I., red.; SEVRYUKOV, P.A., tekhn. red.

[Mechanized harvesting of peas and vetch; from the experience  
of the L'gov Experimental Plant-Breeding Station] Mekhanizatsiia  
uborki gorokha i viki; iz opyta L'govskoy op tno-seleksionnoi  
stantsii. Kursk, Kurskoe knizhnoe izd-vo, 1961. 34 p.  
(MIRA 15:7)

(Peas---Harvesting) (Vetch---Harvesting)

SIDAK, R.N.

Harvesting pulse crops in separate stages according to the method developed by the Lgov Experiment and Breeding Stations. Zemledelis 23 no.6:21-27 Je '61. (MIRA 14:6)

1. Direktor L'govskoy opytno-selektionnoy stantsii.  
(Legumes—Harvesting)

SIDAR, Vera, prof.

Dispersion dyes. Kem ind 12 no.6:480-484 Je '63.

SIDAF, V.A., podpolkovnik med. sluzhby

Improvement in field medical equipment. Voen.-med. zhur. no.6:  
60-62 Je '58. (MIRA 12:7)

(MEDICINE, MEDICINE AND NAVAL

med. supplies, conservation & improvement (Rus))

SIDAK, V.Ye., inzh.

Production of mineral fertilizers from open-hearth furnace slag.  
Stal' 23 no.8:766-767 Ag '63. (MIRA 16:9)  
(Steel industry—By-products) (Slag)

SIDAK, Z.

SIDAK, Z. Verification of forecasts expressed in numbers. p. 141. Vol. 9,  
no. 5/6, Dec. 1956. METEOROLOGICKE ZPRAVY. Praha, Czechoslovakia.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957



Šidák, Zbyněk; and Vondráček, Jiří, A simple nonparametric test of the difference of location of two populations. Apl. Mat. 2 (1957), 215-221. (Czech. Russian and English summaries)

Two ordered independent random samples  $x_1 < x_2 < \dots < x_n$ ;  $y_1 < y_2 < \dots < y_m$  are given. For solving the two sample problem the characteristic  $Q = R + S$  is used, where  $R$  denotes the number of points from the sample  $\{x_i\}$  which are less than  $y_1$ , and  $S$  is the number of points from the sample  $\{y_j\}$  greater than  $x_n$ . Rosenbaum's test uses the number  $S$  only. The distribution of the characteristic  $Q$  is determined and an expression for the tail probabilities given. Tables of 1% and 5% critical values are given.

J. Janko (Prague).

~~SHIDAK~~, Zbyněk [Šidak, Zbyněk] (Prague).

On relations between strict sense and wide sense conditional expectations [in English]. Teor. veroiat. i ee prim. 2 no.2:283-288 '57.  
(Probabilities) (MLRA 10:11)

Smith, W.; Vukobratovic, M.

A simple nonparametric test of the difference of location of two populations.

p. 11) (Institute of Mathematics, Czechoslovak Academy of Sciences) Vol. 2, no. 3, 1957

10: Monthly Index of East European Accessions (MIEA) 10, Vol. 7, no. 5, May 1958

Sidak, Z.

On some relations of the elementary divisors of matrices to their characteristic vector. p. 293.

CASOPIS PRO VYSTOVANI MATEMATIKY, Praha, Czechoslovakia. Vol. 84, no. 3, Aug. 1959.

Monthly List of East European Accessions, (EEAI) LC, Vol. 8, no. 10, 1959 Oct.  
Uncl.

MAIKOVA, D.; PALA, F.; SIDAK, Z.

Cellular changes in the white cell count, regional lymph node and spleen during infection with the tick-borne encephalitis virus in mice. Acta virol. Engl. Ed. Praha 5 no.2:101-111 Mr '61.

1. Military Institute of Hygiene, Epidemiology and Microbiology.  
Praha; Mathematical Institute of the Czechoslovak Academy of  
Sciences, Praha.

(ENCEPHALITIS EPIDEMIC virol)

(LEUKOCYTE COUNT)

(LYMPH NODES)

(SPLEEN)

SIDAK, Zdenek, inz.; KUCERA, Miloslav, MUDr.; PRAZAK, Milan, MUDr.;  
ZEMAN, Bronislav, MUDr.

A miniature cardiostimulator. Sdel tech 9 no.11:414-416 N '61.

Z/026/62/007/004/003/004  
D407/D301

AUTHOR: Šidák, Zbyněk, Candidate of Sciences

TITLE: Unequal numbers of observations in comparing several groups with one control

RECORDING: Aplikace matematiky, v. 7, no. 4, 1962, 292-314

TEXT: The article, based almost exclusively on Western sources, discusses the problem encountered in statistics, when several experimental groups, with unequal numbers of observations, have to be compared with one control group. The article proves that common tables for treatments with equal numbers of observations can generally also be used in the case of unequal numbers of observations. Practical instructions are based on two theorems roughly stating that certain probabilities in a multidirectional normal or Student's distribution are non-decreasing functions of correlation coefficients. The mathematical formulation of the problem is the comparison of  $p$  experimental groups with one control group that contains  $n_0$  observations  $(x_{01}, \dots, x_{0n_0})$ , while the  $i$ -th ( $i = 1, 2, \dots, p$ ) experimental

Card 1/2

Unequal numbers of observations ...  $Z/026/62/007/004/003/004$   
 $D407/D301$   
group contains  $n_i$  observations  $(x_{i1}, \dots, x_{in_i})$ . There are 6 tables.  
ASSOCIATION: Matematický ústav ČSAV (Mathematical Institute,  
Czechoslovak AS)  
SUBMITTED: May 6, 1961

Card 2/2



SIDAK, Zbyšek

Representations of transition probabilities of chains with complete linkage. Cas pro pes mat 87 no.4:389-398 0 '62.

1. Matematicky ustav, Ceskoslovenska akademie ved, Praha 1, Zitna 25.

SIDAK, Zbynek

"Elements of probability and statistics" by Frank L. Wolf.  
Reviewed by Zbynek Sidak. Aplikace mat 8 no.2:156-157 '63.

SIDAK, Zbynek

Some theorems and examples of the theory of operators in  
denumerable Markov chains. Cas pro pest mat 88 no.4:457-  
478 '63.

1. Matematicky ustav, Ceskoslovenska akademie ved, Praha 1,  
Zitna 25.

SHAK, G. G.

Eigenvalues of operators in  $L_2$ -spaces in denumerable Markov chains. Czechoslovak mat. zhurnal 14 no. 1433-443 '64.

1. Institute of Mathematics, Czechoslovak Academy of Sciences, Praha 2, Zitna 25.

SIDAK, Zbynek

The number of positive elements in powers of a nonnegative matrix.  
Ces pro pest mat 39 no.1:28-30 F '64.

1. Institute of Mathematics, Czechoslovak Academy of Sciences,  
Prague 1, Zitna 25. Submitted July 23, 1962.

L 10613-66 EWT(d)/T IJP(c)

ACC NR: AP6004059

SOURCE CODE: CZ/0081/65/090/002/0200/0208

AUTHOR: <sup>44,55</sup> Sidak, Zbynek---Shidak, Z. (Prague)

ORG: none

TITLE: Use of ergodic theorems for Markov chains

SOURCE: Casopis pro pestovani matematiky, v. 90, no. 2, 1965, 200-208

TOPIC TAGS: operational calculus, probability, existence, Markov process, mathematic space, ergodic theory

ABSTRACT: Known <sup>16,44,55</sup>ergodic theorems for operators in  $L_p$ -spaces are applied to a Markov chain in discrete time with a general system of states and a sub-invariant measure. By means of this it is <sup>16,44,55</sup>shown that in an irreducible chain the limiting transition probabilities  $p^{(n)}(x, E)$  are equal for all states  $x$  and all multiples of  $E$  of a finite positive measure. Finally, a simple proof of Doeblin's theorem is presented concerning the existence of a finite positive limit. Orig. art. has: 13 formulas. [JPRS]

SUB CODE: 12 / SUBM DATE: 13Apr64 / ORIG REF: 001 / OTH REF: 007

HW  
Card 1/1

L 30925-66

ACC NR: AP6022927

SOURCE CODE: CZ/0030/65/000/012/0385/0391

AUTHOR: Sidak, Z. (Engineer)

ORG: Laboratory of Instruments, Prague (Laboratorni pristroje)

TITLE: Universal gas chromatograph

SOURCE: Jemna mechanika a optika, no. 12, 1965, 385-391

TOPIC TAGS: gas chromatography, chemical laboratory apparatus

ABSTRACT: The article presents a detailed description of a new type of universal gas chromatograph, the Chrom 3, designed as a main cabinet with four variants of auxiliary instruments. The main parameters of the Chrom 3 and photographs and diagrams are presented and the individual components are discussed in detail. Orig. art. has: 21 figures. [JPRS]

SUB CODE: 07 / SUBM DATE: none

Card 1/1 UC

UDC: 66.067.85

09/5

1003

1. G. V. , S. V. , R. V. , K. G. , G. G. , G. G.

Network using resistors, transistors, and photoelectric elements  
for the conversion of continuous quantities to discrete ones.  
Sov. Ak. Nauk. Ser. Tekh. Nauk. no. 3:129-132, 1964 (MIRA 18:1)

1. Gruzinskiy, I. Akademiya Nauk V.I. Lenina,  
Tbilisi. Submitted March 10, 1964.



VARICHEVSKIY, V.S., and KHIMENOV, V.A.

Use of solar energy for prophylactic and therapeutic purposes in  
Uzbekistan sanatoriums. Sbor.trud.Uz.gos. nauch.-issl.inst.kur.  
i fizioter. 17:113-120 '62. (MIRA 17:7)

SIDAKOV, D.G., glavnyy zootekhnik

Unused capacity for increased production of meat. Zhivotnovodstvo  
21 no.5:86 My '59. (MIRA 12:7)

1. Inspektiya po sel'skomu khozyaystvu Mordokskogo rayispolkoma..  
(Calves--Feeding and feeding stuffs,

L 8738-65 AFWL/AFMD(p)/RAEM(t)/ASD(a)-5/RAEM(1)/ESD(dp)/APGC(b)/AFETR/SSD/  
 ACCESSION NR: AP4040899 ASD(d)/AFTC(b) S/0251/64/034/003/0629/0632

AUTHORS: Kadzharov, M. V.; Sidamon-Eristavi, N. G. Chogovadze, G. G. B

TITLE: A ferrite-phototransistor scheme for converting continuous values to discrete values

SOURCE: AN GruzSSR. Soobshcheniya, v. 34, no. 3, 1964, 629-632

TOPIC TAGS: control system, phototransistor, encoding, computer, D 7 diode, P 3 triode, FD 1 photodiode, FD 2 photodiode, FD 3 photodiode, semiconducting device, IM 2 annular ferrite core

ABSTRACT: The principles of the authors' scheme are based on the method of space coding without physical representation of the code, as described by M. V. Kadzharov (Analiz raboty\* preobrazovateley, rabotayushikh po metodu prostranstvennogo kodirovaniya bez fizicheskogo predstavleniya koda, Soobshcheniya Akademii nauk Gruzinskoy SSR, XXXI: 2, 1963). The fundamental part of the method involves conversion with a movable light source, and the scheme of this process is shown in Fig. 1 on the Enclosure. The light source is set up on the measuring indicator, and control is established at three points. Photodiodes are placed on the instrument scale, and these are lighted up alternately according to movement of the indicator

Card 1/4

L 8738-65

ACCESSION NR: APLG40899

in conjunction with the light source. Two sensing elements are provided at each control point, one for recording, the other for resetting. When the indicator moves from the null position, the sensing element for resetting at the first point will be illuminated and will give a pulse for resetting the digital information, but this does not affect the memory unit since it is set at "0." On further movement of the indicator, the sensing element for recording is illuminated at the same point, and a record of digital information is made for the first digit. The code 01 is entered in the constraint channel. The same process takes place at the second point, and the code 11 is entered in the constraint channel (second decimal place). When the indicator moves to the third point, the sensing element for recording is first illuminated. The triggering pulse to the memory unit of the first digit is repeated, but the memory unit does not change, since it is in position to record "1." As only the sensing element for resetting is illuminated at this point, digital information of the first digit is reset and the code 10 (third decimal place) is entered in the constraint channel. During the reverse passage of the indicator, action on the sensing elements (code information) occurs according to position and designation on the instrument scale. An IM-2 annular ferrite core is used as the magnetic element; a D-7 diode, a P-3 triode, and one of the three photodiodes FD-1, FD-2, or FD-3 is used for the semiconducting element. The design and construction of equipment for this converter were effected at the Problemnaya laboratoriya avtomatiki i vychislitel'noy tekhniki Gruzinskogo politekhnicheskogo instituta im. V. I. Lenina

Card

E-8738-65  
ACCESSION NR: AP4040899

(Problems Laboratory of Automation and Computer Methods of the Georgian Polytechnical Institute) and was set up on a machine in a central control and development laboratory for a chemical plant of the Sovnarkhoz of the Georgian SSR. Orig. art. has: 3 figures.

ASSOCIATION: Gruzinskiy politekhnicheskiy institut im. V. I. Lenina, Tbilisi  
(Georgian Polytechnic Institute)

SUBMITTED: 10Mar64

ENCL: 01

SUB CODE: EC, DP

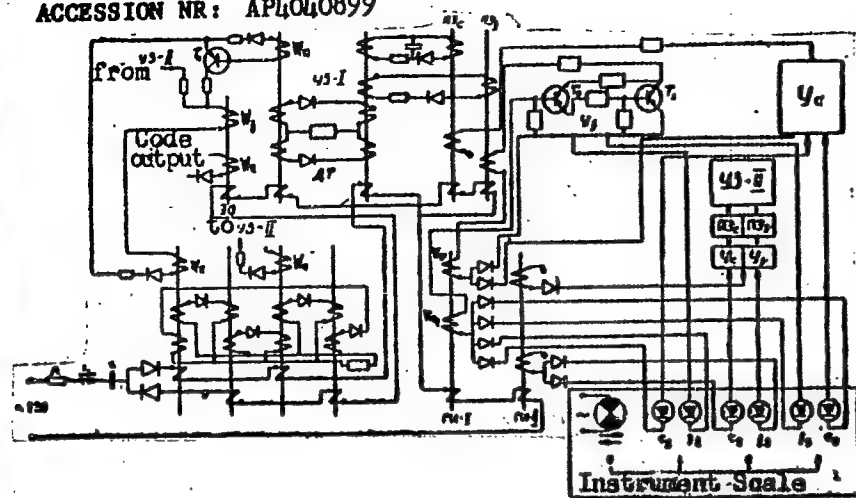
NO REF SOV: 001

OTHER: 000

Card 3/4

L 8738-65

ACCESSION NR: APL4040899



ENCLOSURE: 01

Fig. 1. Basic scheme for conversion with a movable light source. V3 - memory unit; V - amplifier; V3 - intermediate element; T - triode; ru - pulse generator; W - motor winding; C - resetting; Z - recording; AT - dynamic trigger; 30 - combining element.

Card 4/4

TSITSISHVILI, G.V., akademik; SIDAMONIDZE, Sh.I.

Effect of radiation on the adsorptive and catalytic properties  
of aluminum oxide. Soob. AN Gruz. SSR 31 no. 3:575-576  
S '63. (MIRA 17:7)

1. Akademiya nauk GruzSSR (for TSitsishvili).

TSITSISHVILI, G.V., akademik; SIDAMONIDZE, Sh.I.

Adsorption of water, benzene, and isopropyl alcohol vapors on aluminum oxide. Soob. AN Gruz. SSR 32 no.2:335-342 '63.

(MIRA 18:1)

1. AN Gruzinskoy SSR (for Tsitsishvili). 2. Institut khimii imeni P.G. Melikisvili AN Gruzinskoy SSR, Tbilisi.



TSITSISHVILI, G.V., akademik; SIDAMONIDZE, Sh.I.; ZEDGENIDZE, Sh.A.

Catalytic activity of NaX, CaA, and HX zeolites in cracking  
and dehydration reactions. Dokl. AN SSSR 153 no.6:1395-1397  
D '63. (MIRA 17:1)

1. Tbilisskiy gosudarstvennyy universitet. 2. ~~IN~~ GruzSSR  
(for TSitsishvili).

SIDAMONIDZE, Sh.I.; TSitsishvili, G.V., akademik

Effect of the porosity of aluminum  $\gamma$ -oxide on its catalytic properties. Soob. AN Gruz. SSR 38 no. 3:553-558 Je '65.

(MIRA 18:12)

1. Tbilisskiy gosudarstvennyy universitet. 2. Akademiya nauk Gruzinskoy SSR (for TSitsishvili). Submitted Febr. 24, 1965.

SIDANOV, I.A., inzh.; KABANOV, B.P., inzh.

Supplying 220v current on a high tension line for repair work  
on a de-energized substation. Energetik 5 no.9:20-22 S '57.  
(MIRA 10:10)

(Electric lines)

MURASHOV, A.I., inzhener; ~~SIDANOV, I.A.~~ inzhener.

Increasing the serviceability of overhead --- 77-2503 cutouts.  
Elek: sta. 28 no. 505 My '57. (MIRA 10:6)  
(Electric cutouts)

SIMOCHATOV, N.P., inzh.; SIDANOV, I.A., inzh.

Some blocking circuits for grounding knife switches. Elek. sta.  
32 no.11:69-73 N '61. (MIRA 14:11)  
(Electric switchgear) (Electric currents--Grounding)

SIDANOV, I.A., inzh.; SIMONCHATOV, N.P., inzh.

Storage battery circuit with equalization of the operation of  
terminal elements. Energetik 11 no.1:14-16 Ja '63. (MIRA 16:1)  
(Electric power distribution) (Storage batteries)

SIDANOV, I.A., inzh.; SIMOCHATOV, N.P.

Advantages and shortcomings of oil-filled and air switches.  
Elek. sta. 34 no.1:76-78 Ja '63, (MIRA 16:2)

1. Moskovskoye rayonnoye upravleniye energeticheskogo  
khozyaystva.

(Electric switchgear)

SIDANOV, I.A., insth.

Operational organization of complex electric power networks.  
Elek. sta. 35 no.12:28-35 D '64.

(MIRA 18:2)



SILAF, V.

Protection of buildings and equipment of the metallurgic industry.  
Izvestaji. p. C-29. KEMJA U INDUSTRIJI. Vol. 3, No. 12, Dec. 1954.  
Beograd.

SOURCE: East European Accessions List (EEAL), Library of Congress,  
Vol. 4, No. 12, December 1955.

SIDAR, Vera, prof.

Resin epoxides and their utilization in the industry of protective coatings. Kem ind 10 no.2:C-1—C-2 F '61.

1. Clan Redakcionog odbora, "Chromos"; "Chromos", Zagreb.

1944, A., prof.; SIBAK, Vera, prof.

Electrostatic spraying of varnishes. Kem ind 13 no. 1: 34-36  
Ja '64.

Resistance of protective coatings to wear; meaning and  
application. Ibid.: 40-41.

SIDAR, Vera, prof.

Safety in operating equipment for electrostatic spraying.  
Kem ind 13 no. 1: 37 Ja '64.

SIDARAVICHYUS, B. Yu.

Shwartzman-Sanarelli phenomenon. B.G. Swart. Derm. Wochr. no. 31. '55)

Abstracted by B. IU. Sidaravichius. Vest. ven. i derm. 30 no. 2:51

Mr-Apr '56.

(MIRA 9:7)

(HEMORRHAGE) (ISONIAZID)

SIDARAVICUS, B.Yu., professor; SPECUS, I.V., direktor.

Results of work of temporary health stations for the control of fungus diseases in the Sauliai region. Vest.ven. i derm. no.3:29-30 My-Je '53.  
(MLA 6:7)

1. Litovskiy respublikanskiy kozhno-venerologicheskiy institut.  
(Sauliai province--Medical mycology) (Medical mycology--  
Sauliai province)

USSR / Human and Animal Physiology. Skin.

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70642

Author : Sidaravicius, Br.

Inst : Not given

Title : The Treatment of Certain Skin Diseases with Radioactive Phosphorus

Orig Pub : Sveikotos apsauga, 1956, No 5, 10-14

Abstract : In 1952-1955 in Vilnius, 149 patients were treated with applications of  $\text{Na}_2\text{HP}^{32}\text{O}_4$ . Application was carried out every five days. The total dose of a course was 400-600 gm /probably means "roentgens" here/. A good cosmetic effect was noted in the treatment of certain angiomas, especially in children. In adults, the treatment of angiomas led only to a lightening of the color. Following repeated courses there was frequently a noticeable atrophy of the skin. The treatment of eczema, neurodermatitis, and

Card 1/2

SIDARAVICHYUS, B.Yu.

Allergy to anesthesin. (Derm.Wachr. no.38 '55.) M.Fleck. Abstracted  
by B.IU.Sidaravichius. Vest.ven.i derm. 30 no.2:51 Mr-Apr '56.  
(BENZOCAINE) (ALLERGY) (MIRA 9:7)



SIDARAVICHYUS, B.Yu.

Treatment of skin cancer with vitamin D. (Derm.Wschr. no.40 '55.)  
Prof. Paul Lisner. Abstracted by B.IU.Sidaravichius. Vest.ven. i  
derm. 30 no.2:52 Mr-Ap '56. (MLRA 9:7)  
(SKIN--CANCER) (VITAMINS--D)

SIDARAVICHYUS, B.Yu.

Pathogenesis of so-called chronic polymorphic photodermatosis. (Derm.  
Wachr. no.28. '55) J.L.Mueller. Abstracted by B.IU.Sidaravichius.  
Vest.ven. i dermat. 30 no.2:52 Mr-Apr '56. (MLRA 9:7)  
(SIN--DISEASES)

USSR / Pharmacology, Toxicology. Chemotherapeutic V  
Agents, Antituberculous Agents.

Abs Jour: Ref Zhur-Biol., No 18, 1958, 85261.

Author : Sidaravicius, B., Miskinyte, S.

Inst : Kauno Medical Institute.

Title : The Functional State of the Central Nervous System  
in Patients with Lupus Vulgaris During Treatment  
with Phthivazide.

Orig Pub: Kauno med. inst. darbai, 1957, Vol 5, 125-133.

Abstract: Prior to treatment, patients with the cutaneous  
form of tuberculosis (26) were demonstrated to have  
disturbances of conditioned reflex activity, ex-  
pressed either as weakness of the inhibitory pro-  
cess, or as weakness of the stimulatory process,  
or as weakness of both. As the result of treat-  
ment with phthivazide, clinical recovery occurred

Card 1/2

60

SIDARAVICIUS, Bronius, prof.; SUMINAS, A., red.; ANAITIS, J., tekhn.  
red.

[Occupational dermatoses] Profesines dermatozes. Vilnius,  
Valstybine polines ir mokslines literaturos leidykla, 1961.  
74 p. (MIRA 15:3)

(SKIN--DISEASES)

Submitted by: \_\_\_\_\_, Director, Fed. Reserve, \_\_\_\_\_

See also on "real" literature: "The American Novel,"  
"The American Novel," "The American Novel," "The American Novel."

1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 26

SIDARAVICHYUS, B.Yu. [?]

Some problems of the diagnosis and treatment of late forms of  
neurosyphilis. Vest. dern. i ven. 38 no.12:62-66 B '62.  
(MIRA 18:8)

1. Klinika kozhnykh i venericheskikh bolezney (zav.- prof.  
B.Yu. Sidaravichyus) Kaunasskogo meditsinskogo inst' ta i  
Kaunasskiy gorodskoy venerologicheskiy dispanser (glavnyy  
vrach V.Yu. Martusevichene [V. Martusevichene]).

I 27176-66 EWT(1)/T IJP(c)  
ACC NR: AP6005397

SOURCE CODE: UR/0413/66/000/001/0152/0152

INVENTOR: Levina, F. A.; Myl'nikova, V. S.; Rybalko, G. I. Sidaravichyus, D. -I. B.;  
Sladkov, A. M.; Terenin, A. N. 32  
B

ORG: none 30

TITLE: Preparation of electrophotographic layers. Class 57, No. 169395

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1966, 152

TOPIC TAGS: electrophotography, electrophotographic layer

ABSTRACT: An Author Certificate has been issued describing a method for making electrophotographic layers, using poly-N-vinylcarbazole as binder. To increase the sensitivity of the coating, organic photoelectric sensitive compounds such as metal polyacetylenes and acetylenides are added to the poly-N-vinylcarbazole. [LD]

SUB CODE: 11/ SUBM DATE: 27Jul63/

Card 1/1 *pls* 2

SIDARAVICHYUS, I. [Sidaravicius, I.]

Developing characteristics in electrophotography. Zhur.nauch.  
i prikl.fot.i kin. 7 no.6:456-459 N-D '62. (MIRA 15:12)

1. Nauchno-issledovatel'skiy institut elektrografii, Vil'nyus.  
(Xerography)



ACC NR: AP6026355

SOURCE CODE: UR/0237/66/000/005/0027/0030

AUTHOR: Sidaravichyus, I.; Levina, F. A.; Rybalko, G. I.; Sladkov, A. M.; Kyl'nikov, V. S.; Kudryavtsev, Yu. P.; Ukhin, L. Yu.

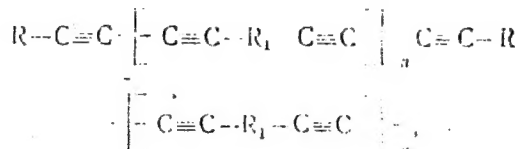
ORG: none

TITLE: Electrophotographic layers with photosemiconducting acetylenic polymeric compounds

SOURCE: Optiko-mekhanicheskaya promyshlennost', no. 5, 1966, 27-30

TOPIC TAGS: electrophotography, organic semiconductor, semiconducting polymer, copper compound, acetylene compound

ABSTRACT: The article reviews reported studies of new electrophotographic layers. Semiconducting organic polymeric compounds containing triple bonds in the conjugation chain (polynes) have been found to display a high photoelectric sensitivity and very short times of photoeffect relaxation. The structure of these compounds is

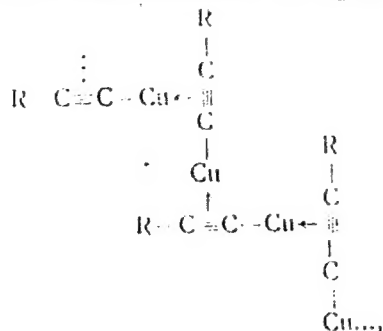


Card 1/3

UDC: 772.93

ACC NR: AF6026355

where R and R<sub>1</sub> are organic radicals which may or may not contain functional groups, e. g., R - p-phenyl, p-nitrophenyl, p-iodophenyl, butyl, α-naphthyl, and R<sub>1</sub> - divalent radicals of benzene, azobenzene, anthracene and 9,10-dihydrohydroxyanthracene. A high photoelectric sensitivity has also been observed in copper acetylides of the form



where R are organic radicals which may or may not contain functional groups, e.g., phenyl, nitrophenyl, halogenated phenyl, naphthyl, or butyl. The use of polyvinylcarbazole as a binder for polyynes and copper acetylides has given very good results. Spectral sensitization of the photoconductive effect of the polyynes can be achieved with organic dyes. It is concluded that organic semiconductors are very useful in electrophotography and that highly sensitive electrophotographic layers can be pre-

Card 2/3

ACC NR: AP6026355

pared from them. Authors are sincerely grateful to Academician A. N. Terenin for supervising the work. Orig. art. has: 1 table.

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Card 3/3

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DILBA, I., inzh.; KRIKSTOPAITIS, I., inzh.; KVILIUS, L., inzh.;  
RASIULIS, B., inzh.; SIDARAVICIUS, L., inzh.; STRIMAITIS, C.,  
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